

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008357.D
 Acq On : 15 Apr 2022 17:36
 Operator : KP/MD
 Sample : N2432-04
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP220414

Quant Time: Apr 16 04:59:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

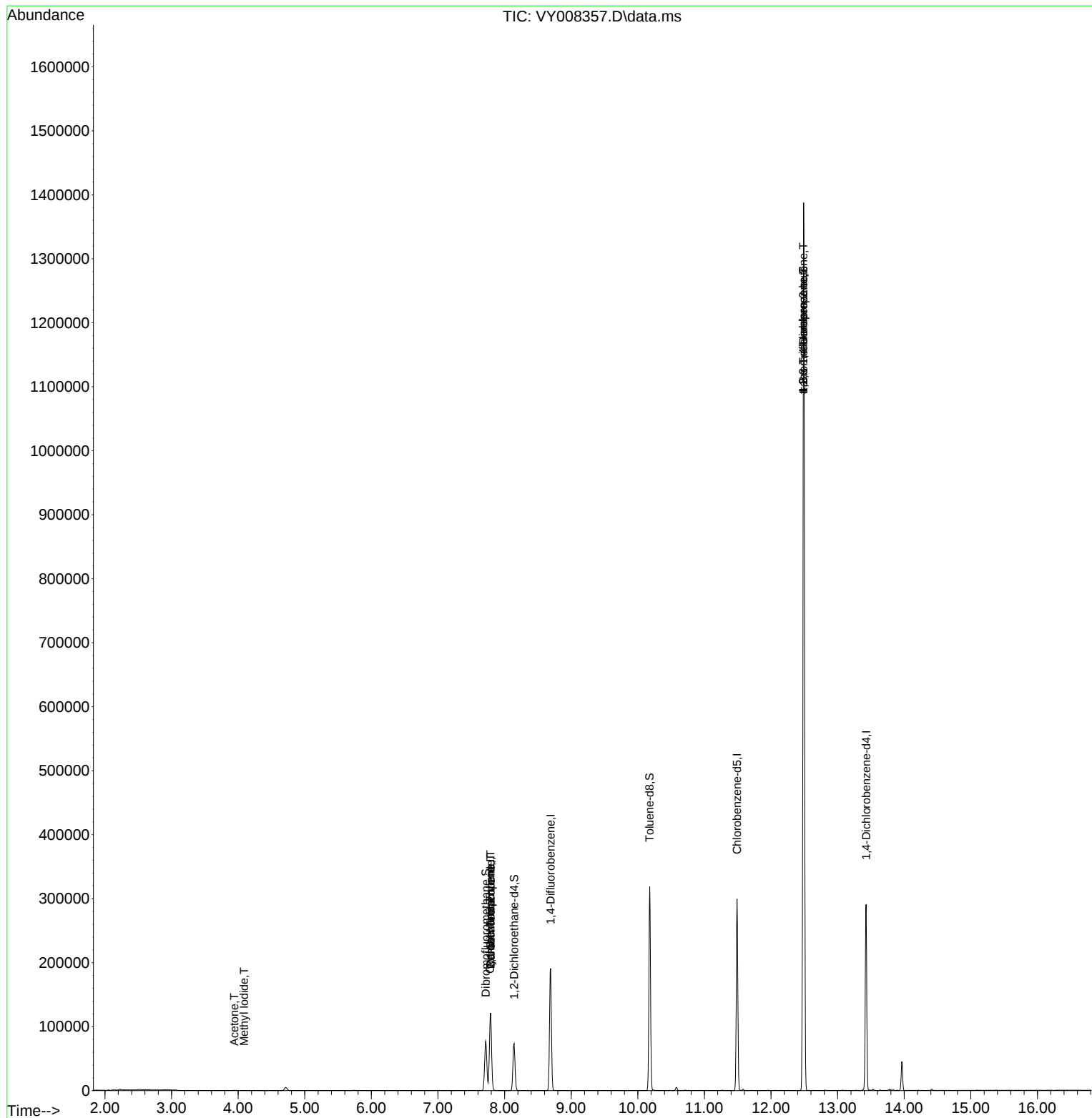
Internal Standards						
1) Pentafluorobenzene	7.789	168	95356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56378	62.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.880%	
35) Dibromofluoromethane	7.716	113	53422	54.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.179	98	209088	62.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.580%	
62) 4-Bromofluorobenzene	12.483	95	80620	63.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	154	Below Cal	#	44
5) Bromomethane	2.668	94	152	Below Cal		99
10) Methyl Iodide	4.088	142	23	2.410	ug/l #	35
16) Acetone	3.942	43	792	3.676	ug/l	90
18) Methyl Acetate	4.479	43	297	Below Cal	#	56
20) Methylene Chloride	4.716	84	3991	Below Cal	#	72
31) Cyclohexane	7.783	56	1915	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7405	4.728	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9418	5.589	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50628	61.928	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50628	138.563	ug/l #	10

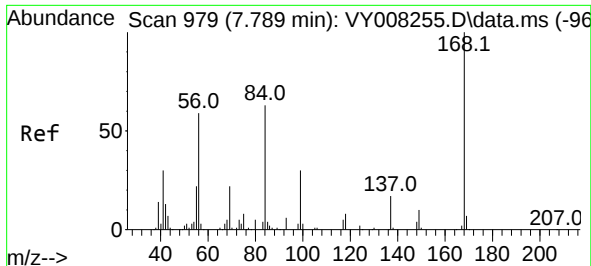
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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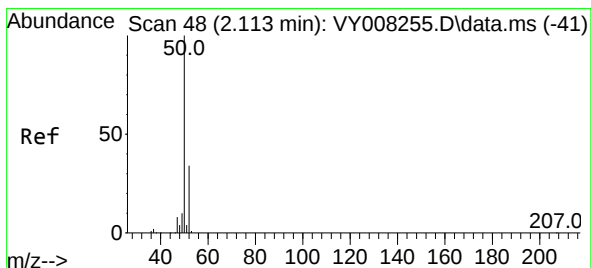
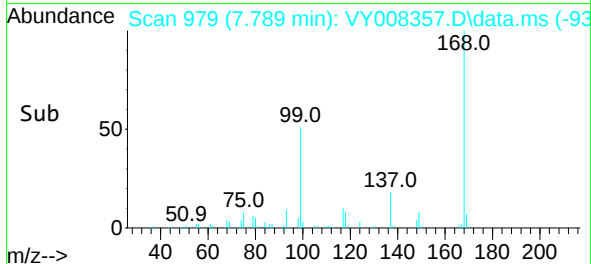
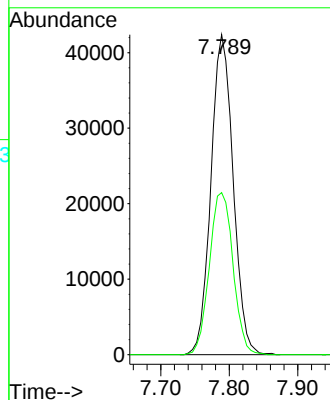
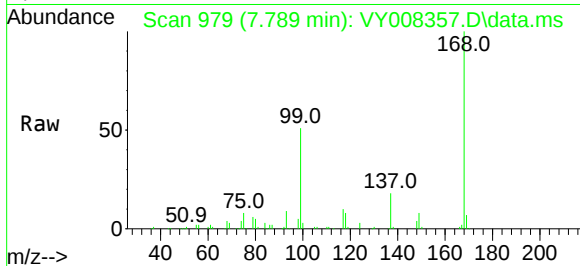




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

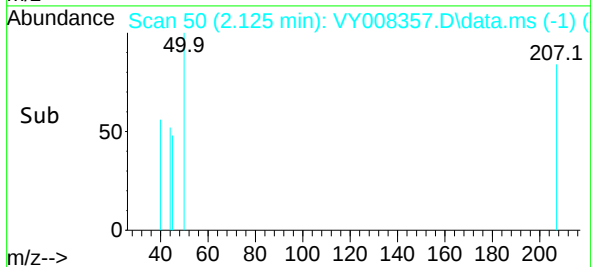
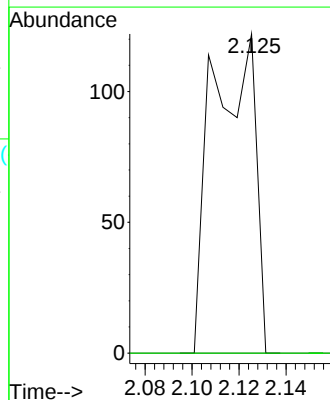
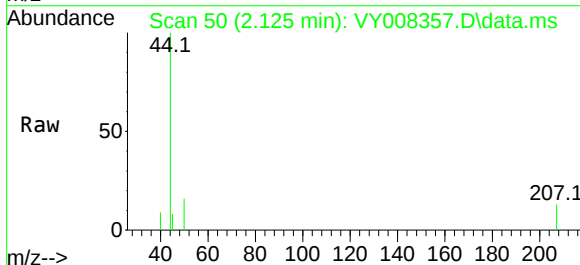
Instrument :
MSVOA_Y
ClientSampleId :
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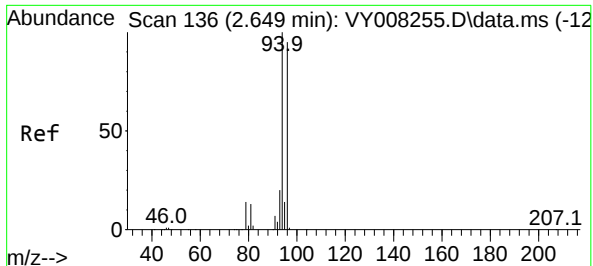
Tgt Ion:168 Resp: 95356
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

Tgt Ion: 50 Resp: 154
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

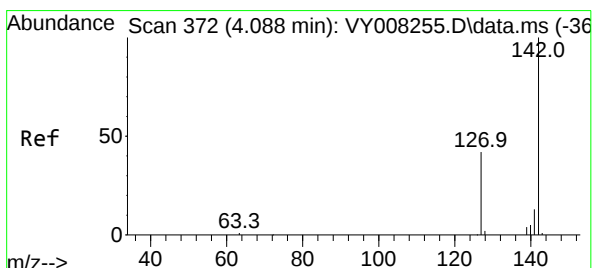
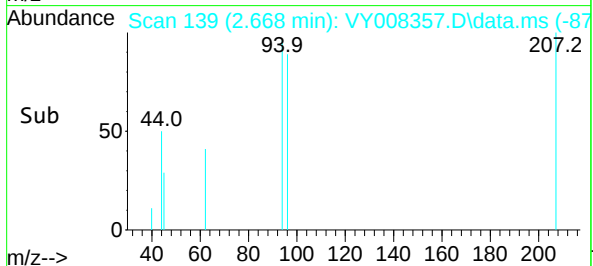
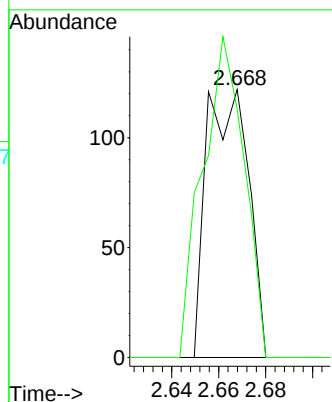
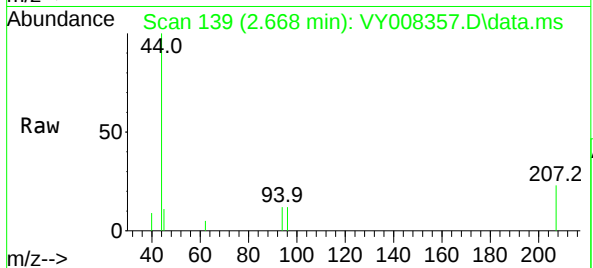




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

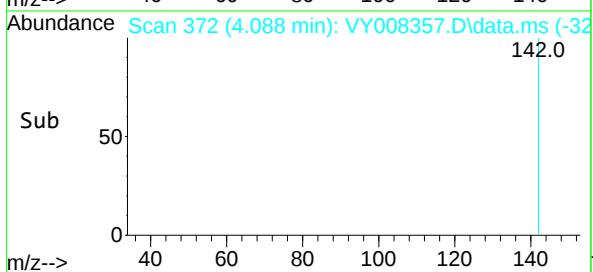
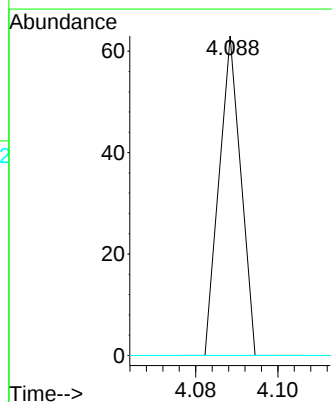
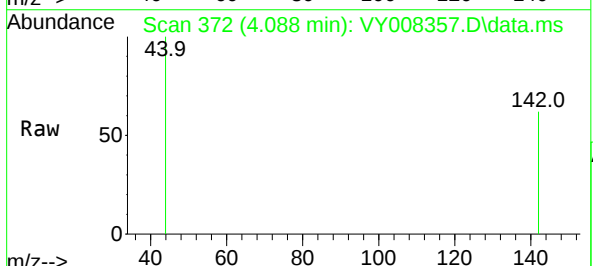
Instrument :
MSVOA_Y
ClientSampleId :
DUP220414

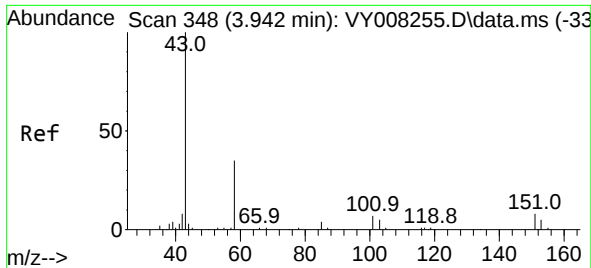
Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3



#10
Methyl Iodide
Concen: 2.410 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

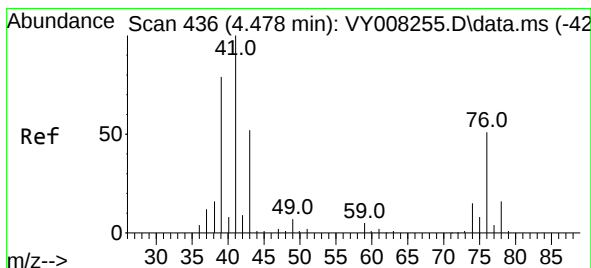
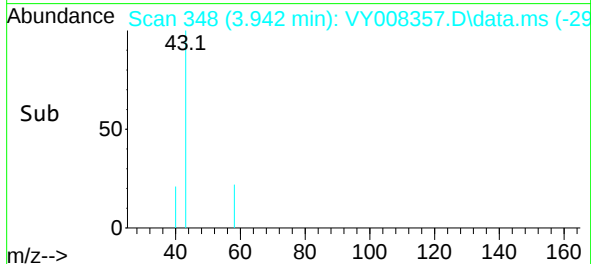
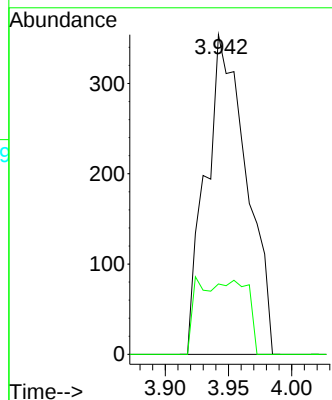
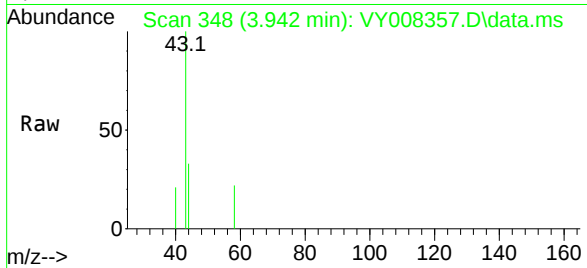




#16
Acetone
Concen: 3.676 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

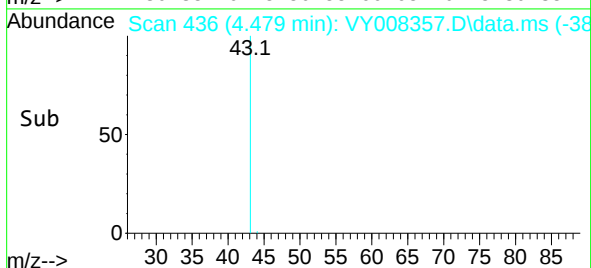
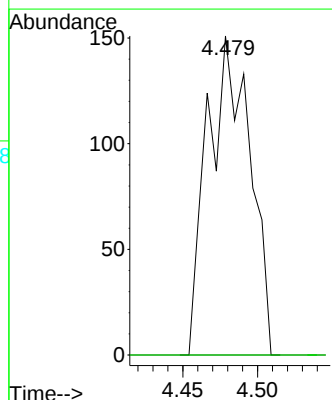
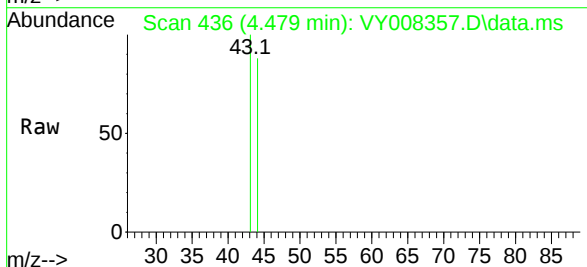
Instrument :
MSVOA_Y
ClientSampleId :
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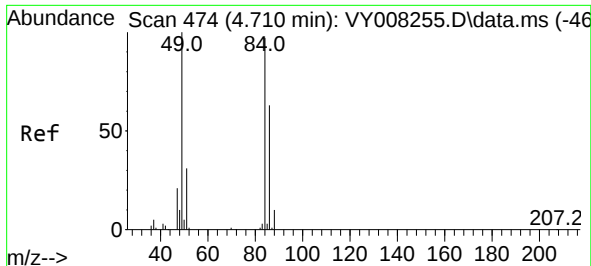
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 22.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

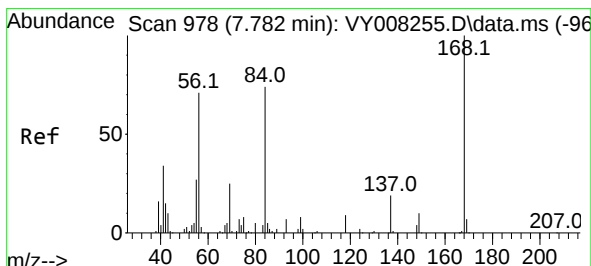
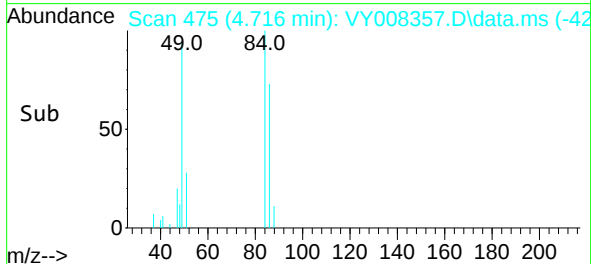
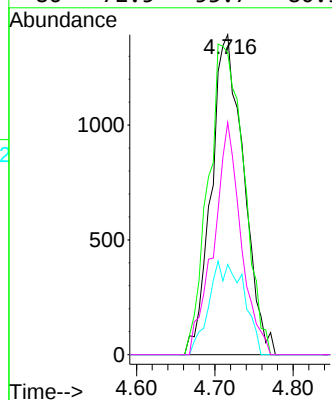
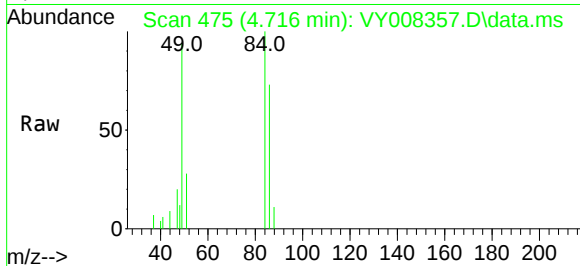




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

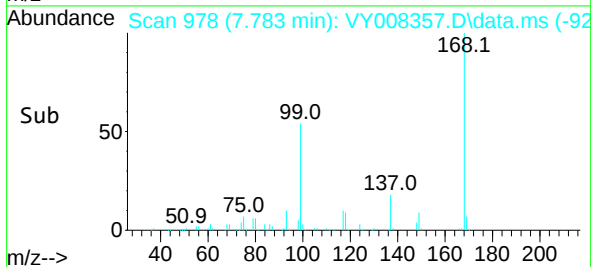
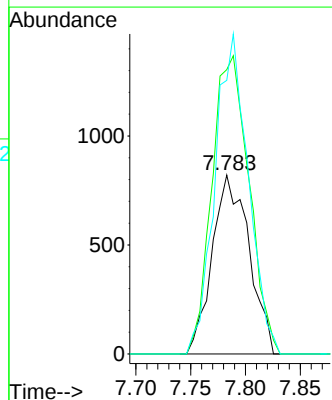
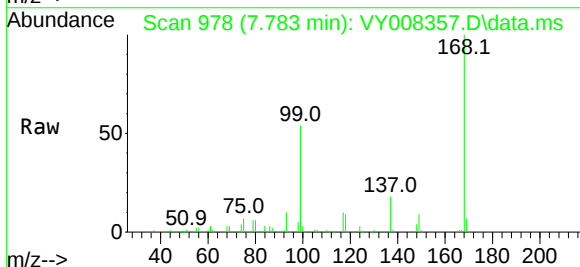
Instrument :
MSVOA_Y
ClientSampleId :
DUP220414

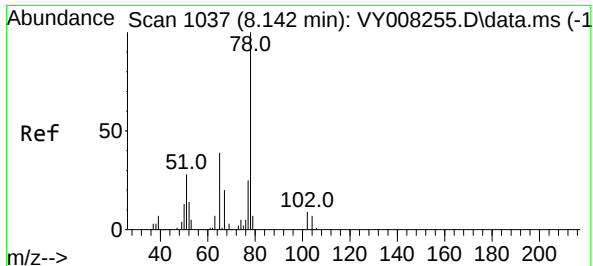
Tgt Ion:	84	Resp:	3991
Ion	Ratio	Lower	Upper
84	100		
49	94.3	114.4	171.6#
51	28.2	35.3	52.9#
86	72.5	53.7	80.5



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

Tgt Ion:	56	Resp:	1915
Ion	Ratio	Lower	Upper
56	100		
69	158.8	26.7	40.1#
84	159.1	67.2	100.8#

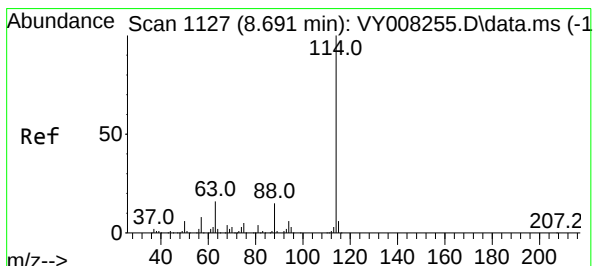
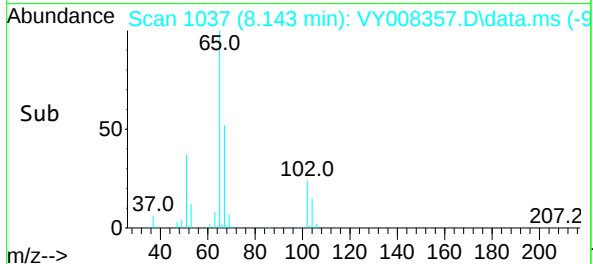
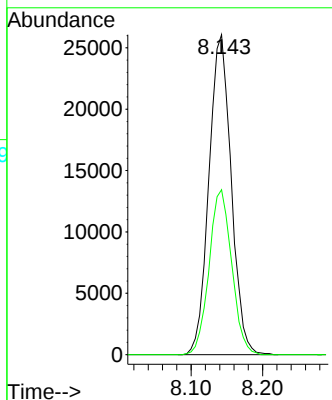
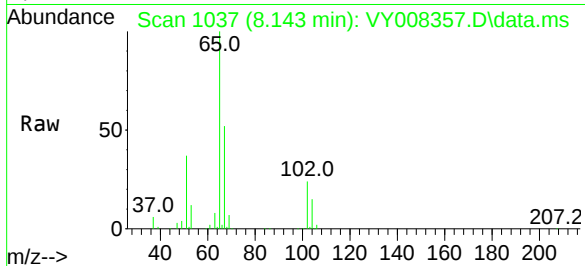




#33
1,2-Dichloroethane-d4
Concen: 62.943 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

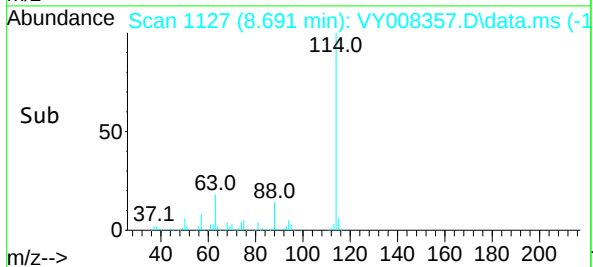
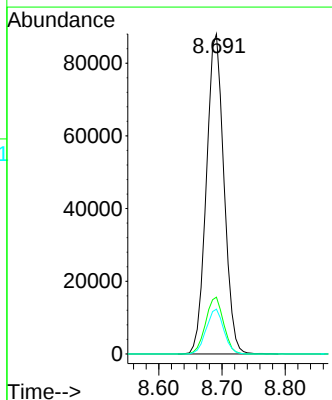
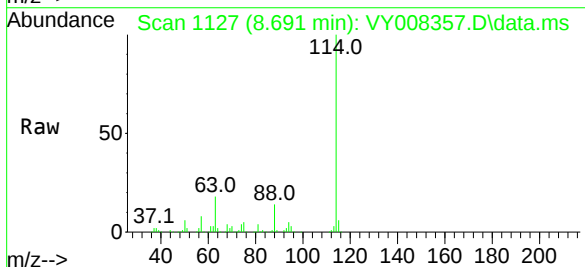
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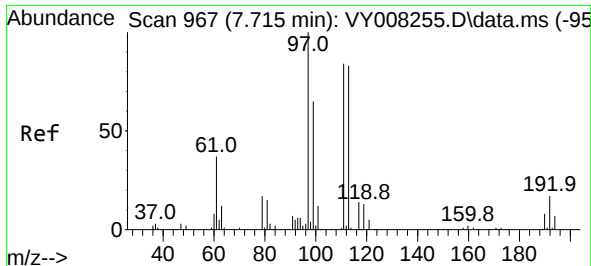
Tgt Ion: 65 Resp: 56378
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

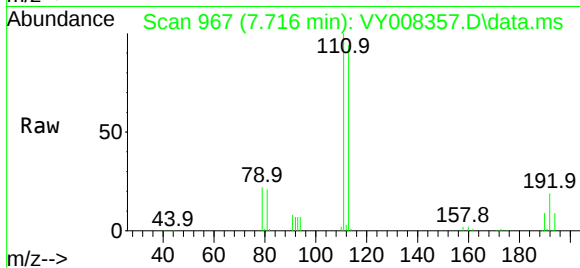
Tgt Ion: 114 Resp: 169829
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 14.0 0.0 31.8



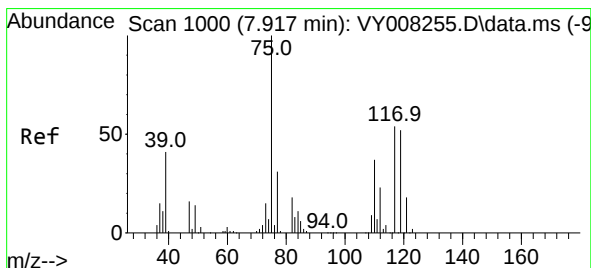
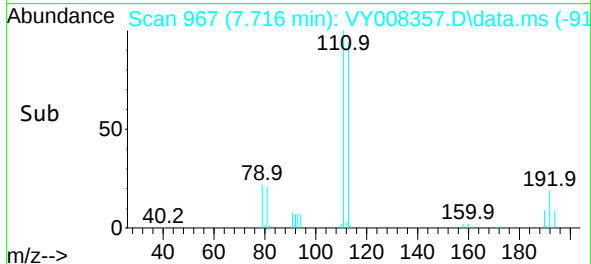
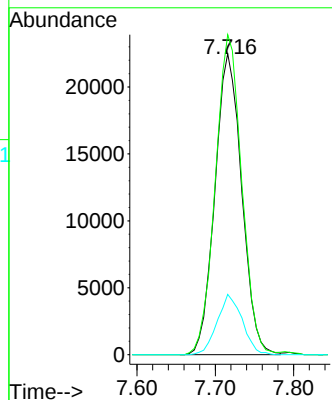


#35
Dibromofluoromethane
Concen: 54.462 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

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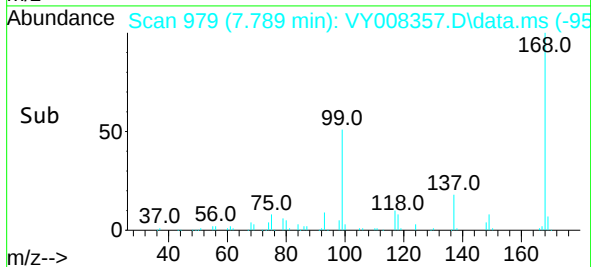
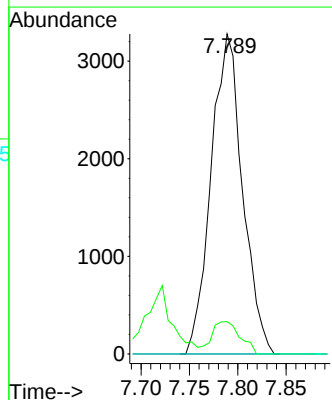
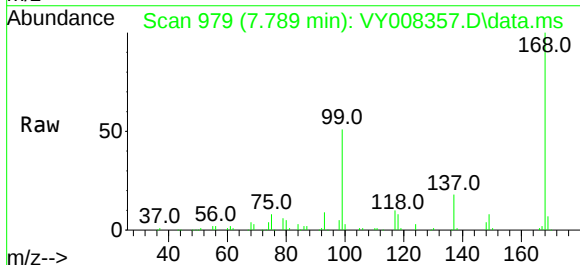


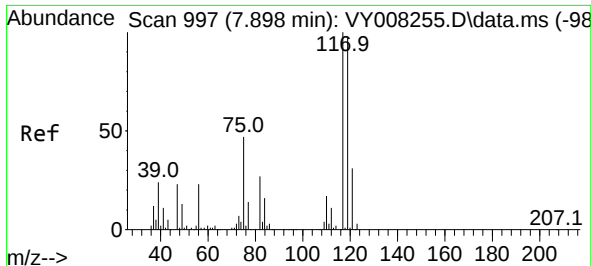
Tgt Ion:113 Resp: 53422
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

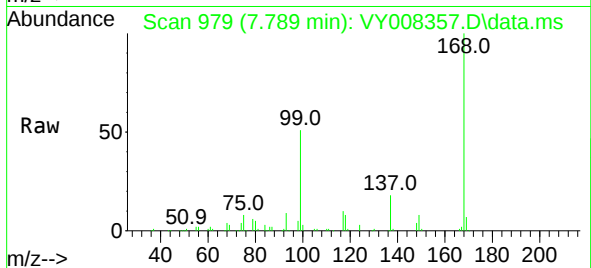
Tgt Ion: 75 Resp: 7405
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



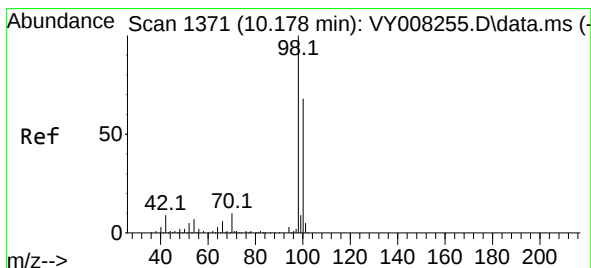
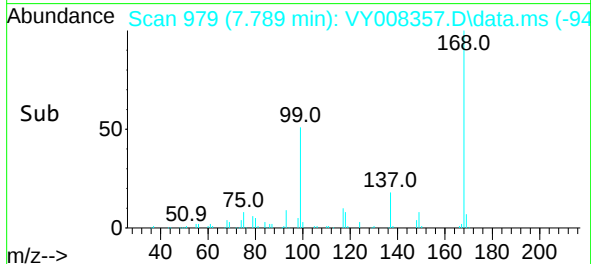
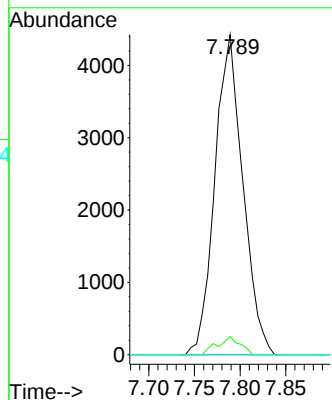


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

Instrument :
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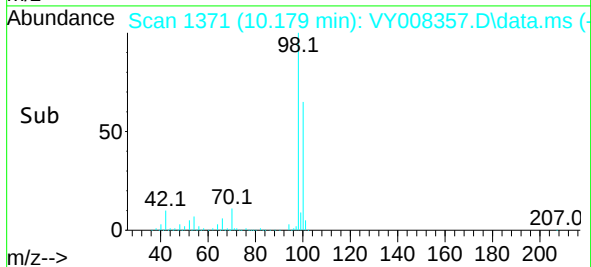
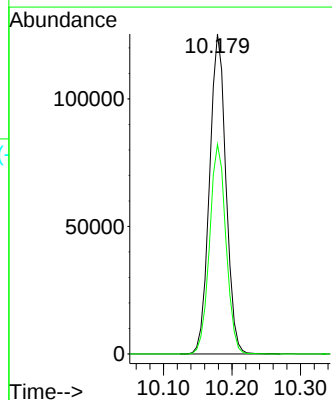
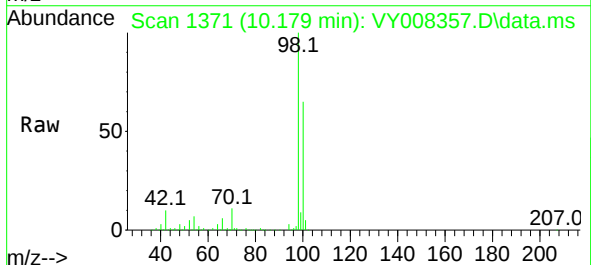


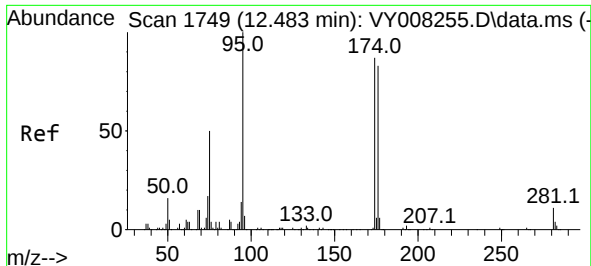
Tgt Ion:117 Resp: 9418
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 62.294 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

Tgt Ion: 98 Resp: 209088
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

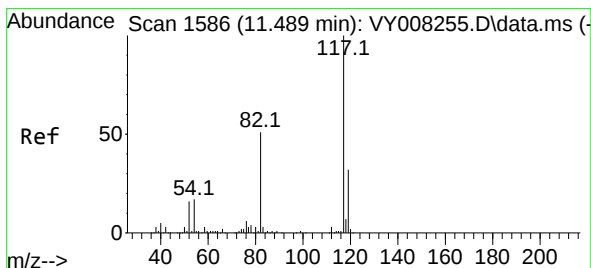
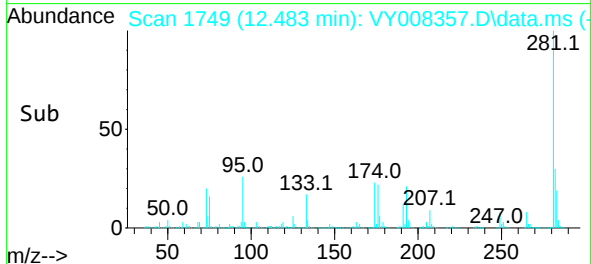
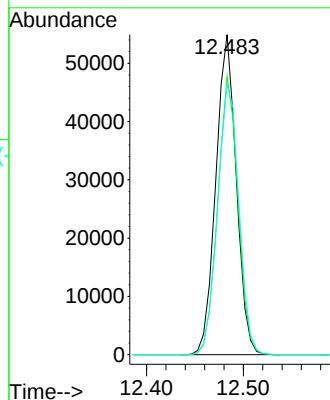
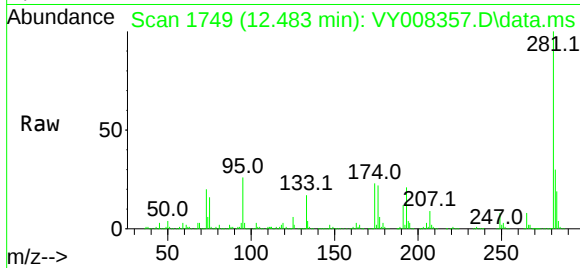




#62
4-Bromofluorobenzene
Concen: 63.860 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

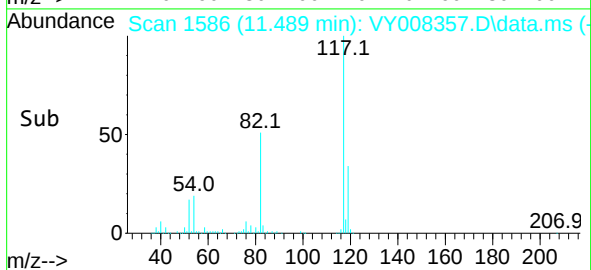
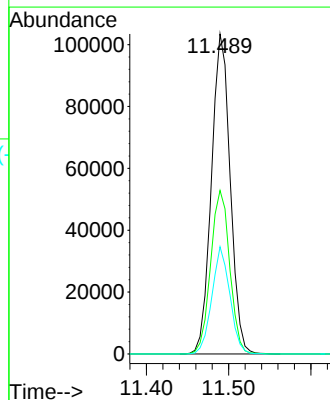
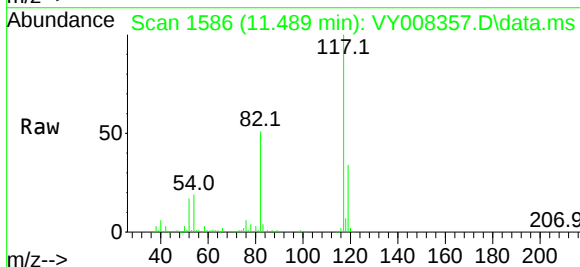
Instrument :
MSVOA_Y
ClientSampleId :
DUP220414

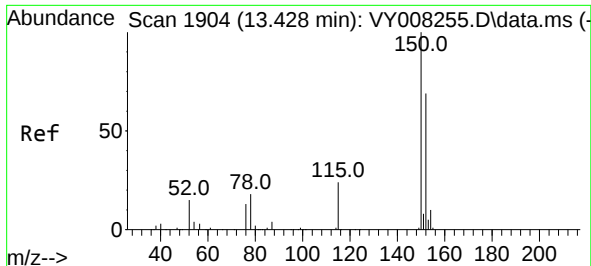
Tgt Ion: 95 Resp: 80620
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 88.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008357.D
Acq: 15 Apr 2022 17:36

Tgt Ion: 117 Resp: 164173
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 33.5 25.4 38.0

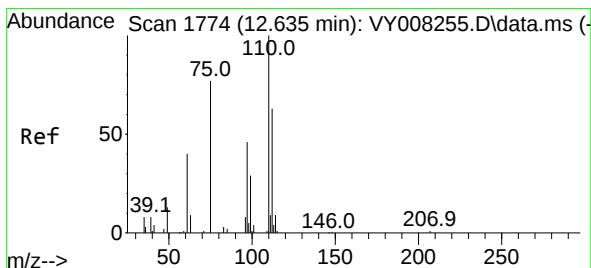
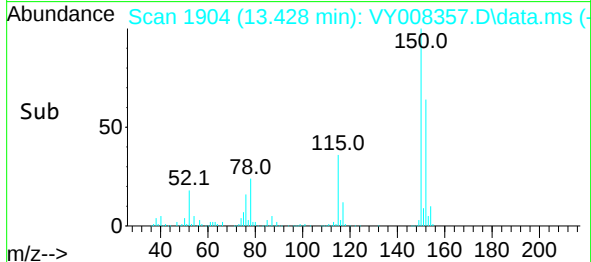
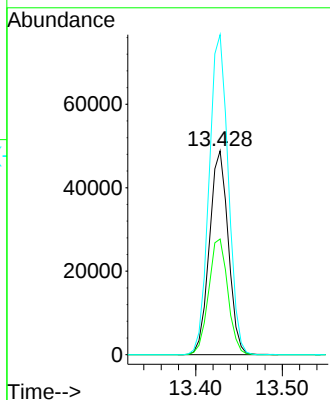
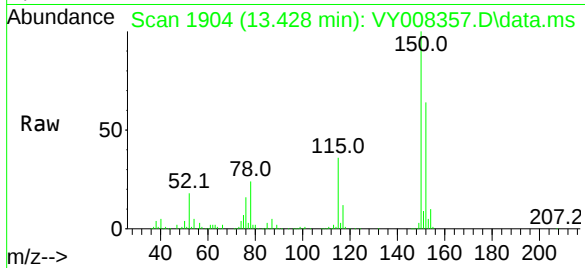




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008357.D
 Acq: 15 Apr 2022 17:36

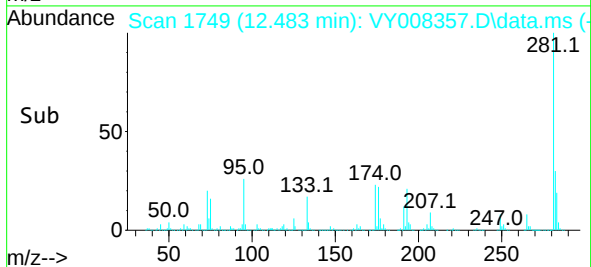
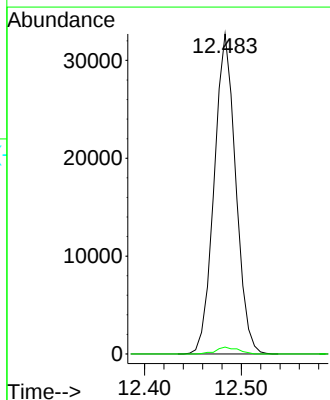
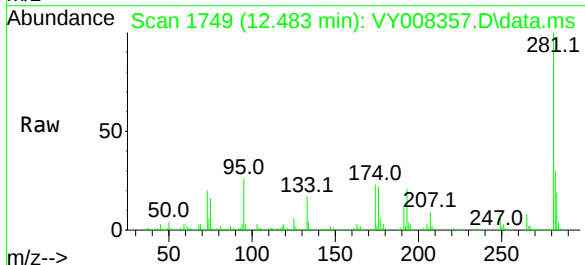
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP220414

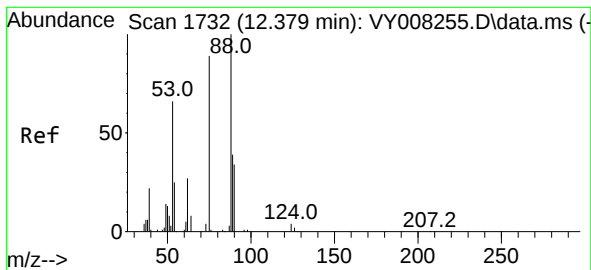
Tgt Ion:152 Resp: 73919
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 159.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 61.928 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008357.D
 Acq: 15 Apr 2022 17:36

Tgt Ion: 75 Resp: 50628
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.563 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008357.D
 Acq: 15 Apr 2022 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP220414

Tgt Ion: 75 Resp: 50628
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 6.7 37.0 55.4#

